

**CLAIMS**

Claim 1: A method of treatment of water in an aquatic environment, comprising the steps of:

pumping water from a reservoir to a first mixing station;

5 introducing an inert gas into the pumped water at the first mixing station to provide inert gas saturated water, which inert gas saturated water will displace undesired gasses in the water in the reservoir;

pumping the inert gas saturated water to a sparging column such that the inert gas and undesired gasses will be released from the inert gas saturated water to provide depleted water;

10 pumping the depleted water to a second mixing station;

introducing oxygen into the depleted water to provide oxygen enriched water; and

returning the oxygen enriched water to reservoir.

Claim 2: The method of Claim 1, wherein the inert gas is nitrogen.

Claim 3: The method of Claim 1, wherein the undesired gas is carbon dioxide.

Claim 4: The method of Claim 1 and further comprising the step of filtering the depleted water prior to introducing oxygen into the depleted water to remove particulates therefrom.